

General

Title

Routine prenatal care: percentage of all identified preterm birth (PTB) modifiable risk factors assessed that receive an intervention.

Source(s)

Institute for Clinical Systems Improvement (ICSI). Routine prenatal care. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2010 Jul. 98 p. [339 references]

Measure Domain

Primary Measure Domain

Process

The validity of measures depends on how they are built. By examining the key building blocks of a measure, you can assess its validity for your purpose. For more information, visit the [Measure Validity](#) page.

Secondary Measure Domain

Does not apply to this measure

Brief Abstract

Description

This measure is used to assess the percentage of all identified preterm birth (PTB) modifiable risk factors assessed that receive an intervention. The definition of intervention and appropriate follow-up is deliberately broad and may be refined by a medical group to fit its improvement aims.

Rationale

The priority aim addressed by this measure is to increase the rate of appropriate interventions for women with preterm birth (PTB) risk factors.

Primary Clinical Component

Prenatal care; preterm birth (PTB) modifiable risk factors; interventions (referral, education, home health nurse visits, ultrasound, advice, any documented plan for action/follow-up)

Denominator Description

Number of modifiable risk factors* identified through screening and documentation in patient chart

*Refer to the original measure documentation for examples of risk factors for preterm birth.

Numerator Description

Number of modifiable risk factors in the denominator with documented intervention (see the related "Numerator Inclusions/Exclusions" field)

Evidence Supporting the Measure

Evidence Supporting the Criterion of Quality

A clinical practice guideline or other peer-reviewed synthesis of the clinical evidence

Evidence Supporting Need for the Measure

Need for the Measure

Unspecified

State of Use of the Measure

State of Use

Current routine use

Current Use

Internal quality improvement

Application of Measure in its Current Use

Care Setting

Physician Group Practices/Clinics

Professionals Responsible for Health Care

Physicians

Lowest Level of Health Care Delivery Addressed

Group Clinical Practices

Target Population Age

Women of childbearing age

Target Population Gender

Female (only)

Stratification by Vulnerable Populations

Unspecified

Characteristics of the Primary Clinical Component

Incidence/Prevalence

Unspecified

Association with Vulnerable Populations

Unspecified

Burden of Illness

Unspecified

Utilization

Unspecified

Costs

Unspecified

Institute of Medicine (IOM) Healthcare Quality Report Categories

IOM Care Need

Staying Healthy

IOM Domain

Effectiveness

Patient-centeredness

Data Collection for the Measure

Case Finding

Users of care only

Description of Case Finding

Women at a prenatal visit

Obtain risk factors identified that are documented in patient chart. Determine whether an intervention was documented for each identified modifiable risk factor.

A chart abstraction is conducted to determine which risk factors have been identified and addressed. The positive risk factor has an intervention if any of the following are documented: referral, education, home health nurse visits, case management, ultrasound, advice, or any documented plan or discussion referring to the positive risk factor.

These data may be collected weekly or monthly. Recommended sample size would be 20 per month or 5 per week.

Denominator Sampling Frame

Patients associated with provider

Denominator Inclusions/Exclusions

Inclusions

Number of modifiable risk factors* identified through screening and documentation in patient chart

*Refer to the original measure documentation for examples of risk factors for preterm birth.

Exclusions

Unspecified

Relationship of Denominator to Numerator

All cases in the denominator are equally eligible to appear in the numerator

Denominator (Index) Event

Clinical Condition

Encounter

Patient Characteristic

Denominator Time Window

Time window is a single point in time

Numerator Inclusions/Exclusions

Inclusions

Number of modifiable risk factors in the denominator with documented intervention*

*An intervention can be:

- Referral
- Education
- Home health nurse visits
- Ultrasound
- Advice
- Any documented plan for action/follow-up

Exclusions

Unspecified

Measure Results Under Control of Health Care Professionals, Organizations and/or Policymakers

The measure results are somewhat or substantially under the control of the health care professionals, organizations and/or policymakers to whom the measure applies.

Numerator Time Window

Episode of care

Data Source

Medical record

Level of Determination of Quality

Individual Case

Pre-existing Instrument Used

Unspecified

Computation of the Measure

Scoring

Rate

Interpretation of Score

Better quality is associated with a higher score

Allowance for Patient Factors

Unspecified

Standard of Comparison

Internal time comparison

Evaluation of Measure Properties

Extent of Measure Testing

Unspecified

Identifying Information

Original Title

Percentage of all identified PTB modifiable risk factors assessed that receive an intervention.

Measure Collection Name

Routine Prenatal Care Measures

Submitter

Institute for Clinical Systems Improvement - Nonprofit Organization

Developer

Institute for Clinical Systems Improvement - Nonprofit Organization

Funding Source(s)

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Composition of the Group that Developed the Measure

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No other work group members have potential conflicts of interest to disclose.

Adaptation

Measure was not adapted from another source.

Release Date

2005 Aug

Revision Date

2010 Jul

Measure Status

This is the current release of the measure.

This measure updates a previous version: Institute for Clinical Systems Improvement (ICSI). Routine prenatal care. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2009 Aug. 93 p.

Source(s)

Institute for Clinical Systems Improvement (ICSI). Routine prenatal care. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2010 Jul. 98 p. [339 references]

Measure Availability

The individual measure, "Percentage of All Identified PTB Modifiable Risk Factors Assessed That Receive an Intervention," is published in "Health Care Guideline: Routine Prenatal Care." This document is available from the [Institute for Clinical Systems Improvement \(ICSI\) Web site](#) .

For more information, contact ICSI at, 8009 34th Avenue South, Suite 1200, Bloomington, MN 55425; phone: 952-814-7060; fax: 952-858-9675; Web site: www.icsi.org ; e-mail: icsi.info@icsi.org.

NQMC Status

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